

REMARKS

The Abstract has been replaced, claims 87-116, 136, 138-140, 142 and 149-151 have been cancelled without prejudice, claims 137, 141 and 145 have been amended to put them in independent form and new claims 152-157 have been added. Applicants reserve the right to pursue the cancelled claims in a continuation application. Claims 117-135, 137, 141, 143-148 and 152-157 are now pending in this application.

Applicants note that the cover sheet of the outstanding Office Action indicates that Claim 141 has been rejected. However, no reasons for rejection have been provided by the Examiner. Claim 141 originally depended from claim 103, which has been cancelled by the above amendment. Claim 141 has therefore been rewritten in independent form, incorporating all of the limitations from now-cancelled claim 103. Applicants request examination of claim 141.

The drawings stand objected to under 37 C.F.R. § 1.83(a). The Examiner states that the drawings must show every feature of the invention specified in the claims. Therefore, the claimed subject matter of claims 117-135, 137, 143-148 and 150-151 must be shown or the feature(s) canceled from the claim(s).

Applicants respectfully traverse this objection. Claims 150-151 have been cancelled, without prejudice, thus mooted the objection as to those claims. The subject matter of claims 117-134 and 143-148 is clearly shown in at least FIGs. 36 and 37, it being noted that the electronic serial number (ESN) shown in FIGs. 36 and 37 is one example of a unique identification number. In addition, FIGs. 34A-34G illustrate one embodiment of a system and method for collecting, processing, storing, distributing and downloading golf course related data. The Examiner's attention is also directed to page 52, line 8 – page 64, line 29 for an explanation of the method for collecting, processing, storing, distributing and downloading golf course related data for that embodiment, and particularly page 59, lines 10-12, page 59, line 25- page 64, line 29 for a

description of the use of a unique identification number.

The subject matter of claim 135 is clearly shown in at least FIG. 18, it being noted that the designation "AP%" refers to "accuracy potential percentage." The Examiner's attention is also directed to page 32, lines 10-21, where the "accuracy potential percentage" feature is described.

The subject matter of claim 137 is clearly shown in at least FIGs. 30A, 30B and 30C. The Examiner's attention is also directed to page 46, line 3 - page 48, line 21, where the "pace of play" feature is described.

The Abstract stands objected to for apparently exceeding 150 words in length.

Applicants have submitted a new Abstract that complies with the applicable rules.

Claims 112-113 are objected to as depending from claim 147, where it appears that they should depend from claim 111.

Applicants have canceled claims 112-113, without prejudice, thus mooting this objection.

Claims 117-135, 137 and 143-144 stand rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement. As to claims 117-135 and 143-144, the Examiner states that the specification does not disclose the apparatus and the method of automatically identifying a handheld device using a unique identification number. The Examiner requests that the Applicants point out in the original disclosure the claimed limitations. As to claim 137, the Examiner states that the specification does not disclose displaying the pace of play of a golfer relative to a predetermined normal pace of play. The Examiner requests that the application point out in the original disclosure the claimed limitation.

Applicants respectfully traverse this rejection. The support for the unique identification number limitations is found at least at page 59, lines 10-12, page 59, line 25- page 64, line 29 and FIGs. 36 and 37. The support for the pace of play limitations is found at least at page 46, line 3 - page 48, line 21 and FIGs. 30A, 30B and 30C. Further, the support for the "accuracy potential

percentage” feature of claim 135 is found at least at page 32, lines 10-21 and FIG. 18. In view of the foregoing, it is submitted that the Examiner’s rejection has been overcome and claims 117-135, 137 and 143-144 are supported by the specification and define patentable subject matter.

Claims 87-98, 103-106, 136-138 and 145-148 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Barnard ‘938 in view of Fisher ‘485.

Applicants respectfully traverse this rejection. Claims 87-98, 103-106, 136 and 138 have been cancelled, without prejudice, thus mooted the rejection as to those claims. As to claim 137, neither Barnard ‘938 nor Fisher ‘485 disclose displaying the pace of play of a golfer relative to a predetermined normal pace of play. The Examiner cites to col. 13, lines 1-16 of Barnard ‘938 as disclosing this feature. However, the referenced passage discusses a golf course mapping process, not the playing of a round of golf. In addition, the referenced passage only refers to logging location information “once per step or pace of the user at a predetermined time interval,” not the display of such information relative to some predetermined pace of play. Therefore even if appropriate to combine Barnard ‘938 and Fisher ‘485, the resulting combination would not contain all of the limitations of claim 137. Consequently, it is submitted that claim 137 defines patentable subject matter.

As to claim 145, this claim contains the limitation “wherein a representation of said object is displayed on said apparatus display and said representation varies to approximate the view of the said object as seen from said golfer’s line of sight.” Neither Barnard ‘938 nor Fisher ‘485 discloses or suggests this limitation. The Examiner cites figures 5 and 17 of Barnard ‘938 as showing this limitation. However, neither of these figures shows a representation that varies to approximate the view of an object as seen from a golfer’s line of sight. This limitation allows a golfer to view an object on a display as viewed from his or her line of sight. For example, if a golfer hits a ball over a green, then when the golfer reaches his or her ball, the depiction of the green on the display of the

handheld device would appear as in front of the golfer as he or she looks at the green from his or her ball. The display shown in Barnard '938 does not appear to change the orientation of an object as the user moves about a particular hole. For example, there is no disclosure that the display of an object would be reoriented such that a golfer would see a display that matches his or her line of sight to the object on the course. Therefore even if appropriate to combine Barnard '938 and Fisher '485, the resulting combination would not contain all of the limitations of claim 145. Consequently, it is submitted that claim 145 defines patentable subject matter. Since claims 146-148 depend directly or indirectly from claim 145, it is submitted that these claims are allowable for the same reasons that claim 145 is allowable.

Claim 139 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Barnard '938 in view of Fisher '485 as applied to claim 94 and further in view of Atkinson '938.

Applicants respectfully traverse this rejection. Claim 139 has been cancelled, without prejudice, thus mooting this rejection.

Claims 99-100 and 140 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Barnard '938 in view of Dudley '786.

Applicants respectfully traverse this rejection. Claims 99-100 and 140 have been cancelled, without prejudice, thus mooting this rejection.

Claims 101-102 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Barnard '938 in view of Dudley '786 as applied to claim 100, and further in view of Atkinson '938.

Applicants traverse this rejection. Claims 101-102 have been cancelled, without prejudice, thus mooting this rejection.

Claims 107-110 and 142 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Barnard '938 in view of Fisher.

Applicants respectfully traverse this rejection. Claims 107-110 and 142 have been

cancelled, without prejudice, thus mooted this rejection.

Claims 111-113, 114-116 and 149 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Barnard '938 in view of Fisher '485.

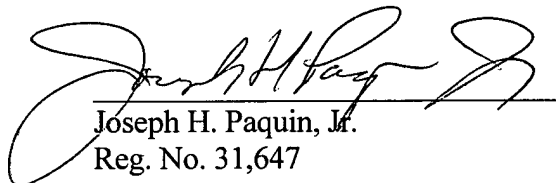
Applicants traverse this rejection. Claims 111-113, 114-116 and 149 have been cancelled, without prejudice, thus mooted this rejection.

New claims 152-157 have been added and are supported by the specification. These claims are believed to be allowable for one or more of the same reasons that the other pending claims are allowable.

CONCLUSION

In view of the foregoing amendments and remarks, Applicants respectfully submit that all of the currently pending claims are in allowable form and that the application is in condition for allowance. Reconsideration and reexamination of the pending claims is requested. If for any reason the Examiner is unable to allow the application and fees that an interview would be helpful to resolve any remaining issues, the Examiner is respectfully requested to contact the undersigned attorney at (312) 372-2000.

Respectfully submitted,



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Dated: December 29, 2004

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